

FCC TEST REPORT FOR CERTIFICATION

On Behalf of

Planet Computers Limited

Gemini

Model No.: Gemini 4G

FCC ID: 2AO7Q-X600M1

Prepared for : Planet Computers Limited
Suite #9, 56 Sloane Square, London, SW1W 8AX, United
Kingdom

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
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Date of Test : Mar.14~19, 2018
Date of Report : Apr.12, 2018

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TEST REPORT CERTIFICATION

Applicant : Planet Computers Limited
 Manufacture : Planet Computers Limited
 Product : Gemini
 FCC ID : 2A07Q-X600M1
 (A) Model No. : Gemini 4G
 (B) Serial No. : N/A
 (C) Test Voltage : DC 5V From Adapter Input AC 120V/60Hz

Tested for comply with:
 FCC part 2, 22H, 24E, 27

Test Method:
 KDB971168 D01 v03

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC part 2, 22H, 24E, 27 requirements.

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. This report contains data that are not covered by the NVLAP accreditation. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements.

This Report is made under FCC part 2, 22H, 24E, 27. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Mar.14~19, 2018 Report of date: Apr.12, 2018

Prepared by : Monica Liu Reviewed by : Sunny Lu
 Monica Liu / Assistant Sunny Lu / Deputy Manager

 信華科技(深圳)有限公司
 Audix Technology (Shenzhen) Co., Ltd.
 EMC 部門報告專用章

Stamp only for EMC Dept. Report

Approved & Authorized Signer : Signature: David Jin

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

The EUT has been tested according to the applicable standards as referenced below.

EMISSION		
Description of Test Item	Standard	Results
RF Output Power	2.1046	PASS
99% & 26dB Occupied Bandwidth	2.1049	PASS
Out of Band Emissions at antenna Terminals and Band Edge	2.1051 22.917 24.238 27.53	PASS
Frequency Stability V.S. Temperature and Voltage	2.1055 22.355 24.235 27.54	PASS
Effective Isotropic Radiated Power	2.1046 22.913 24.232 27.50	PASS
Peak to Average Power Ratio	24.232	PASS
Field Strength of Spurious Emissions	2.1053 22.917 24.238 27.53	PASS

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product : Gemini

Model No. : Gemini 4G

FCC ID : 2AO7Q-X600M1

LTE FDD:

Operating Frequency	:	Band	Uplink	Downlink
		Band 2	1850-1910MHz	1930-1990MHz
		Band 4	1710-1755MHz	2110-2155MHz
		Band 5	824-849MHz	869-894MHz
		Band 12	699-716MHz	729-746MHz
		Band 17	704-716MHz	734-746MHz

Antenna Type and Gain : PIFA Antenna,
Band 2: 0.4dBi; Band 4: -0.1dBi; Band 5: -3.0dBi;
Band 12: -3.0dBi; Band 17: -2.0dBi.

Applicant : Planet Computers Limited
Suite #9, 56 Sloane Square, London, SW1W 8AX, United Kingdom

Manufacturer : Planet Computers Limited
Suite #9, 56 Sloane Square, London, SW1W 8AX, United Kingdom

Factory : SHENZHEN YIXU ELECTRONICS CO., LTD.
Building B, Area E, Yuwei, Qingxiang Rd, Longhua, Shenzhen

Power Adapter : Manufacturer: Planet, M/N: TPA-10120125UUA-MTK;
Cable: Unshielded, Detachable, 1.0m

Date of Test : Mar.14~19, 2018

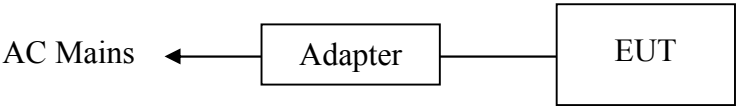
Date of Receipt : Dec.26, 2017

Sample Type : Prototype production

2.2. Tested Supporting System Details

[None]

2.3. Block diagram of connection between the EUT and simulators



(EUT: Gemini)

2.4. Test Information

Band	Bandwidth (MHz)	CH	Frequency (MHz)
Band 2	1.4	18607	1850.7
		18900	1880.0
		19193	1909.3
	3	18615	1851.5
		18900	1880.0
		19185	1908.5
	5	18625	1852.5
		18900	1880.0
		19175	1907.5
	10	18650	1855.0
		18900	1880.0
		19150	1905.0
	15	18675	1857.5
		18900	1880.0
		19125	1902.5
	20	18700	1860.0
		18900	1880.0
		19100	1900.0

Band	Bandwidth (MHz)	CH	Frequency (MHz)
Band 4	1.4	19957	1710.7
		20175	1732.5
		20393	1754.3
	3	19965	1711.5
		20175	1732.5
		20385	1753.5
	5	19975	1712.5
		20175	1732.5
		20375	1752.5
	10	20000	1715.0
		20175	1732.5
		20350	1750.0
	15	20025	1717.5
		20175	1732.5
		20325	1747.5
	20	20050	1720.0
		20175	1732.5
		20300	1745.0
Band 5	1.4	20407	824.7
		20525	836.5
		20643	848.3
	3	20413	825.5
		20525	836.5
		20635	847.5
	5	20425	826.5
		20525	836.5
		20625	846.5
	10	20450	829.0
		20525	836.5
		20600	844.0

Band	Bandwidth (MHz)	CH	Frequency (MHz)
Band 12	1.4	23017	699.7
		23095	707.5
		23173	715.3
	3	23025	700.5
		23095	707.5
		23165	714.5
	5	23035	701.5
		23095	707.5
		23155	713.5
	10	23060	704.0
		23095	707.5
		23130	711.0
Band 17	5	23755	706.5
		23790	710.0
		23825	713.5
	10	23780	709.0
		23790	710.0
		23800	711.0

2.5. Test Facility

Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Kefeng Road, Science & Technology
Park, Nanshan District, Shenzhen, Guangdong,
China

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Valid Date: May.07, 2020

: Certificated by DAkkS, Germany
Registration No: D-PL-12151-01-00
Valid Date: Dec.07, 2021

: Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2018

Certificated by FCC, USA
Designation Number: CN5022
Valid Date: Mar.31, 2018

2.6. Measurement Uncertainty (95% confidence levels, k=2)

Test Item	Uncertainty
Uncertainty for Radiated Spurious Emission test in RF chamber	3.6dB
Uncertainty for Conduction Spurious emission test	2.0dB
Uncertainty for Output power test	0.8dB
Uncertainty for Power density test	2.0dB
Uncertainty for Frequency range test	7×10^{-8}
Uncertainty for Bandwidth test	83 kHz
Uncertainty for DC power test	0.1 %
Uncertainty for test site temperature and humidity	0.6°C
	3%

3. RF POWER OUTPUT TEST

3.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY53311015	Oct.15,17	1 Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr.22,17	1Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr.22,17	1Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.22,17	1 Year
5.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	NO.1	Oct.15,17	1 Year

3.2. Test Procedure

The transmitter output was connected to calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power in dBm. The power output at the transmitter antenna port was determined by adding the value of attenuator to the power meter reading.

3.3.Test Result

Band 2:

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)	
			QPSK	16QAM
1.4MHz	1RB high	1850.7	22.7	22.3
		1880	22.5	22.1
		1909.3	22.4	22.0
	1RB low	1850.7	22.7	22.3
		1880	22.4	22.1
		1909.3	22.4	22.0
	50% RB mid	1850.7	22.8	21.9
		1880	22.6	21.7
		1909.3	22.5	21.6
	100% RB	1850.7	21.8	20.8
		1880	21.6	20.7
		1909.3	21.5	20.6
3MHz	1RB high	1851.5	22.9	22.4
		1880	22.7	22.3
		1908.5	22.6	22.2
	1RB low	1851.5	22.8	22.4
		1880	22.7	22.3
		1908.5	22.6	22.2
	50% RB mid	1851.5	21.9	21.0
		1880	21.7	20.8
		1908.5	21.6	20.8
	100% RB	1851.5	21.9	20.8
		1880	21.7	20.6
		1908.5	21.6	20.5

5MHz	1RB high	1852.5	22.9	22.6
		1880	22.8	22.5
		1907.5	22.7	22.4
	1RB low	1852.5	22.9	22.6
		1880	22.8	22.5
		1907.5	22.7	22.4
	50% RB mid	1852.5	21.8	21.0
		1880	21.6	20.8
		1907.5	21.6	20.7
	100% RB	1852.5	21.8	20.8
		1880	21.7	20.7
		1907.5	21.6	20.6
10MHz	1RB high	1855	22.8	22.4
		1880	22.7	22.3
		1905	22.6	22.3
	1RB low	1855	22.9	22.4
		1880	22.8	22.3
		1905	22.7	22.3
	50% RB mid	1855	21.9	20.9
		1880	21.7	20.7
		1905	21.6	20.7
	100% RB	1855	21.9	20.8
		1880	21.7	20.7
		1905	21.7	20.6

15MHz	1RB high	1857.5	22.7	22.3
		1880	22.4	22.1
		1902.5	22.3	22.1
	1RB low	1857.5	22.7	22.3
		1880	22.4	22.1
		1902.5	22.3	22.1
	50% RB mid	1857.5	21.8	20.8
		1880	21.7	20.7
		1902.5	21.6	20.7
	100% RB	1857.5	21.8	20.8
		1880	21.7	20.7
		1902.5	21.6	20.7
20MHz	1RB high	1860	22.9	22.6
		1880	22.8	22.5
		1900	22.7	22.4
	1RB low	1860	23.2	22.8
		1880	23.0	22.7
		1900	22.9	22.6
	50% RB mid	1860	21.8	20.8
		1880	21.7	20.6
		1900	21.7	20.7
	100% RB	1860	21.8	20.8
		1880	21.7	20.7
		1900	21.7	20.7

Band 4:

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)	
			QPSK	16QAM
1.4MHz	1RB high	1710.7	22.7	22.2
		1732.5	22.7	22.3
		1754.3	22.7	22.3
	1RB low	1710.7	22.7	22.2
		1732.5	22.7	22.2
		1754.3	22.7	22.3
	50% RB mid	1710.7	22.8	21.8
		1732.5	22.8	21.9
		1754.3	22.8	21.9
	100% RB	1710.7	21.8	20.8
		1732.5	21.8	20.9
		1754.3	21.8	20.9
3MHz	1RB high	1711.5	23.0	22.4
		1732.5	22.9	22.4
		1753.5	22.9	22.5
	1RB low	1711.5	23.0	22.3
		1732.5	22.9	22.4
		1753.5	22.9	22.5
	50% RB mid	1711.5	21.9	21.0
		1732.5	21.9	21.0
		1753.5	21.9	21.0
	100% RB	1711.5	21.9	20.8
		1732.5	21.9	20.8
		1753.5	21.9	20.8

5MHz	1RB high	1712.5	22.9	22.4
		1732.5	23.0	22.7
		1752.5	23.0	22.6
	1RB low	1712.5	23.0	22.3
		1732.5	23.0	22.7
		1752.5	23.0	22.7
	50% RB mid	1712.5	21.8	20.9
		1732.5	21.9	21.0
		1752.5	21.9	21.0
	100% RB	1712.5	21.8	20.7
		1732.5	21.8	20.9
		1752.5	21.8	20.8
10MHz	1RB high	1715.0	22.9	22.4
		1732.5	22.8	22.4
		1750.0	22.9	22.4
	1RB low	1715.0	22.9	22.3
		1732.5	22.9	22.4
		1750.0	22.9	22.5
	50% RB mid	1715.0	21.9	20.8
		1732.5	21.9	20.8
		1750.0	21.9	20.9
	100% RB	1715.0	21.9	20.8
		1732.5	22.0	20.9
		1750.0	21.9	20.9

15MHz	1RB high	1717.5	22.6	22.2
		1732.5	22.6	22.2
		1747.5	22.6	22.3
	1RB low	1717.5	22.5	22.1
		1732.5	22.5	22.2
		1747.5	22.5	22.2
	50% RB mid	1717.5	21.8	20.8
		1732.5	21.8	20.8
		1747.5	21.9	20.9
	100% RB	1717.5	21.8	20.8
		1732.5	21.8	20.8
		1747.5	21.9	20.9
20MHz	1RB high	1720.0	22.9	22.6
		1732.5	23.0	22.7
		1745.0	23.1	22.7
	1RB low	1720.0	23.0	22.7
		1732.5	23.2	22.8
		1745.0	23.2	22.8
	50% RB mid	1720.0	21.9	20.8
		1732.5	21.9	20.8
		1745.0	22.0	20.9
	100% RB	1720.0	21.9	20.9
		1732.5	21.9	20.9
		1745.0	22.0	21.0

Band 5:

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)	
			QPSK	16QAM
1.4MHz	1RB high	824.7	23.3	22.9
		836.5	23.3	22.9
		848.3	23.2	22.8
	1RB low	824.7	23.2	22.8
		836.5	23.2	22.8
		848.3	23.2	22.8
	50% RB mid	824.7	23.3	22.4
		836.5	23.3	22.4
		848.3	23.3	22.4
	100% RB	824.7	22.3	21.4
		836.5	22.4	21.4
		848.3	22.3	21.4
3MHz	1RB high	825.5	23.5	23.1
		836.5	23.5	23.0
		847.5	23.5	23.0
	1RB low	825.5	23.5	23.0
		836.5	23.5	23.0
		847.5	23.5	23.0
	50% RB mid	825.5	22.5	21.5
		836.5	22.5	21.6
		847.5	22.4	21.6
	100% RB	825.5	22.5	21.4
		836.5	22.4	21.3
		847.5	22.5	21.3

5MHz	1RB high	826.5	23.5	23.3
		836.5	23.5	23.2
		846.5	23.5	23.2
	1RB low	826.5	23.5	23.2
		836.5	23.5	23.3
		846.5	23.5	23.2
	50% RB mid	826.5	22.4	21.5
		836.5	22.4	21.5
		846.5	22.4	21.5
	100% RB	826.5	22.4	21.4
		836.5	22.4	21.4
		846.5	22.4	21.4
10MHz	1RB high	829.0	23.4	22.6
		836.5	23.4	22.9
		844.0	23.4	22.9
	1RB low	829.0	23.5	23.2
		836.5	23.5	23.1
		844.0	23.4	23.0
	50% RB mid	829.0	22.5	21.4
		836.5	22.4	21.3
		844.0	22.5	21.4
	100% RB	829.0	22.5	21.4
		836.5	22.4	21.4
		844.0	22.5	21.4

Band 12:

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)	
			QPSK	16QAM
1.4MHz	1RB high	699.7	23.2	22.9
		707.5	23.2	22.8
		715.3	23.2	22.8
	1RB low	699.7	23.1	22.9
		707.5	23.1	22.8
		715.3	23.2	22.8
	50% RB mid	699.7	23.2	22.4
		707.5	23.2	22.3
		715.3	23.2	22.3
	100% RB	699.7	22.2	21.4
		707.5	22.2	21.3
		715.3	22.2	21.3
3MHz	1RB high	700.5	23.5	23.0
		707.5	23.4	23.0
		714.5	23.4	22.6
	1RB low	700.5	23.4	23.1
		707.5	23.4	22.9
		714.5	23.4	22.6
	50% RB mid	700.5	22.4	21.5
		707.5	22.3	21.5
		714.5	22.3	21.5
	100% RB	700.5	22.3	21.3
		707.5	22.3	21.2
		714.5	22.3	21.2

5MHz	1RB high	701.5	23.5	23.2
		707.5	23.5	23.3
		713.5	23.5	23.2
	1RB low	701.5	23.5	23.3
		707.5	23.5	23.2
		713.5	23.5	23.4
	50% RB mid	701.5	22.4	21.4
		707.5	22.3	21.4
		713.5	22.4	21.5
	100% RB	701.5	22.3	21.3
		707.5	22.4	21.4
		713.5	22.3	21.3
10MHz	1RB high	704.0	23.3	23.1
		707.5	23.4	23.1
		711.0	23.3	22.9
	1RB low	704.0	23.5	23.3
		707.5	23.5	23.1
		711.0	23.4	23.0
	50% RB mid	704.0	22.1	21.1
		707.5	22.3	21.4
		711.0	22.6	21.5
	100% RB	704.0	22.1	21.1
		707.5	22.5	21.5
		711.0	22.6	21.5

Band 17:

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)	
			QPSK	16QAM
5MHz	1RB high	706.5	23.4	23.2
		710.0	23.5	23.3
		713.5	23.4	23.1
	1RB low	706.5	23.4	23.1
		710.0	23.4	23.2
		713.5	23.5	23.3
	50% RB mid	706.5	22.2	21.3
		710.0	22.3	21.5
		713.5	22.3	21.4
	100% RB	706.5	22.3	21.3
		710.0	22.3	21.4
		713.5	22.2	21.2
10MHz	1RB high	709.0	23.3	22.9
		710.0	23.3	22.9
		711.0	23.2	22.8
	1RB low	709.0	23.4	22.9
		710.0	23.3	22.9
		711.0	23.3	22.9
	50% RB mid	709.0	22.4	21.5
		710.0	22.5	21.5
		711.0	22.5	21.5
	100% RB	709.0	22.6	21.5
		710.0	22.6	21.5
		711.0	22.5	21.5

4. 99% & 26dB Occupied Bandwidth Test

4.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY53311015	Oct.15,17	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.27,17	1 Year
3.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	NO.1	Oct.15,17	1 Year

4.2. Test Procedure

The EUT output RF connector was connected with a short a cable to the spectrum analyzer, RBW was set to about 1 to 5 % of the anticipated OBW, VBW $\geq$ 3 times RBW, 99% bandwidth were measured, the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

4.3. Test Result

Band	Bandwidth (MHz)	CH	Frequency (MHz)	99% bandwidth (MHz)		26dB bandwidth (MHz)	
				QPSK	16QAM	QPSK	16QAM
Band 2	1.4	18607	1850.7	1.0800	1.0817	1.203	1.227
		18900	1880.0	1.0816	1.0806	1.227	1.234
		19193	1909.3	1.0814	1.0793	1.216	1.230
	3	18615	1851.5	2.6912	2.6824	2.925	2.919
		18900	1880.0	2.6874	2.6827	2.919	2.916
		19185	1908.5	2.6896	2.6855	2.928	2.891
	5	18625	1852.5	4.4990	4.4742	4.917	4.921
		18900	1880.0	4.4938	4.4714	4.945	4.904
		19175	1907.5	4.4876	4.4763	4.933	4.914
	10	18650	1855.0	8.9514	8.9604	9.735	9.766
		18900	1880.0	8.9550	8.9571	9.774	9.863
		19150	1905.0	8.9647	8.9527	9.821	9.731
	15	18675	1857.5	13.438	13.421	14.59	14.55
		18900	1880.0	13.417	13.434	14.44	14.65
		19125	1902.5	13.439	13.444	14.38	14.54
	20	18700	1860.0	17.962	17.906	19.42	19.30
		18900	1880.0	17.988	17.941	19.45	19.49
		19100	1900.0	17.936	17.943	19.52	19.43

Band	Bandwidth (MHz)	CH	Frequency (MHz)	99% bandwidth (MHz)		26dB bandwidth (MHz)	
				QPSK	16QAM	QPSK	16QAM
Band 4	1.4	19957	1710.7	1.0814	1.0799	1.211	1.220
		20175	1732.5	1.0836	1.0794	1.228	1.218
		20393	1754.3	1.0817	1.0815	1.218	1.238
	3	19965	1711.5	2.6880	2.6830	2.917	2.912
		20175	1732.5	2.6870	2.6846	2.925	2.920
		20385	1753.5	2.6911	2.6841	2.915	2.878
	5	19975	1712.5	4.4766	4.4701	4.898	4.930
		20175	1732.5	4.4865	4.4723	4.975	4.941
		20375	1752.5	4.4867	4.4727	4.964	4.918
	10	20000	1715.0	8.9604	8.9614	9.730	9.711
		20175	1732.5	8.9543	8.9549	9.771	9.810
		20350	1750.0	8.9554	8.9634	9.756	9.717
	15	20025	1717.5	13.421	13.417	14.45	14.53
		20175	1732.5	13.424	13.430	14.62	14.49
		20325	1747.5	13.419	13.433	14.47	14.37
	20	20050	1720.0	17.976	17.908	19.44	19.27
		20175	1732.5	17.956	17.926	19.13	19.34
		20300	1745.0	18.002	17.948	19.47	19.41
Band 5	1.4	20407	824.7	1.0834	1.0792	1.196	1.227
		20525	836.5	1.0822	1.0809	1.222	1.229
		20643	848.3	1.0820	1.0789	1.194	1.216
	3	20413	825.5	2.6890	2.6861	2.908	2.911
		20525	836.5	2.6895	2.6860	2.917	2.905
		20635	847.5	2.6908	2.6840	2.924	2.913
	5	20425	826.5	4.4771	4.4737	4.931	4.923
		20525	836.5	4.4820	4.4702	4.940	4.899
		20625	846.5	4.4869	4.4728	4.955	4.912
	10	20450	829.0	8.9530	8.9552	9.720	9.760
		20525	836.5	8.9567	8.9557	9.688	9.770
		20600	844.0	8.9546	8.9575	9.727	9.746

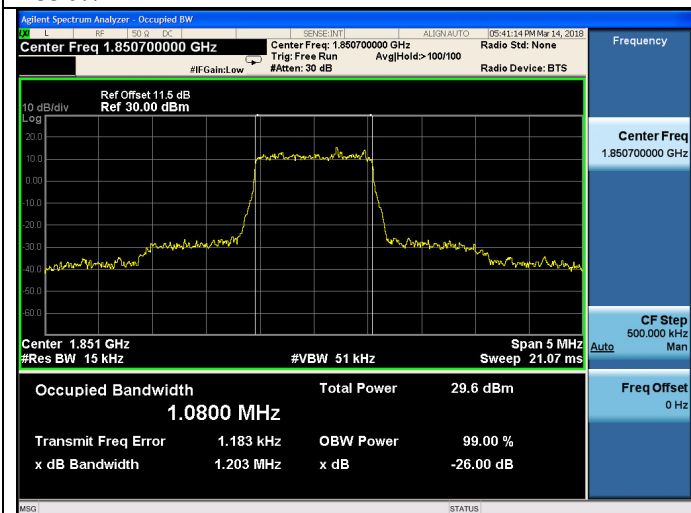
Band	Bandwidth (MHz)	CH	Frequency (MHz)	99% bandwidth (MHz)		26dB bandwidth (MHz)	
				QPSK	16QAM	QPSK	16QAM
Band 12	1.4	23017	699.7	1.0823	1.0828	1.201	1.235
		23095	707.5	1.0815	1.0804	1.203	1.225
		23173	715.3	1.0836	1.0799	1.232	1.231
	3	23025	700.5	2.6909	2.6864	2.920	2.928
		23095	707.5	2.6896	2.6832	2.930	2.910
		23165	714.5	2.6863	2.6819	2.905	2.925
	5	23035	701.5	4.4830	4.4665	4.960	4.910
		23095	707.5	4.4816	4.4781	4.965	4.896
		23155	713.5	4.4749	4.4623	4.884	4.900
	10	23060	704.0	8.9030	8.9121	9.694	9.589
		23095	707.5	8.9611	8.9660	9.749	9.769
		23130	711.0	8.9774	8.9817	9.811	9.767
Band 17	5	23755	706.5	4.4802	4.4738	4.883	4.894
		23790	710.0	4.4914	4.4813	4.975	4.924
		23825	713.5	4.4657	4.4685	4.929	4.882
	10	23780	709.0	8.9934	8.9791	9.838	9.698
		23790	710.0	8.9812	8.9858	9.792	9.811
		23800	711.0	8.9803	8.9743	9.824	9.787

Band 2:

1.4MHz Bandwidth

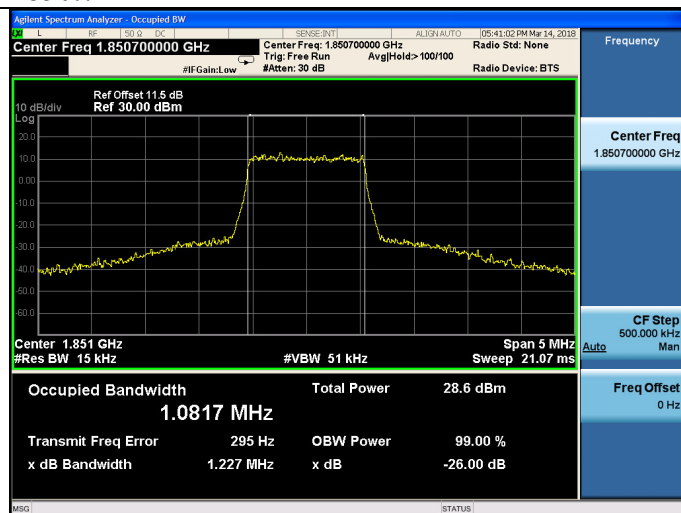
QPSK

1850.7MHz

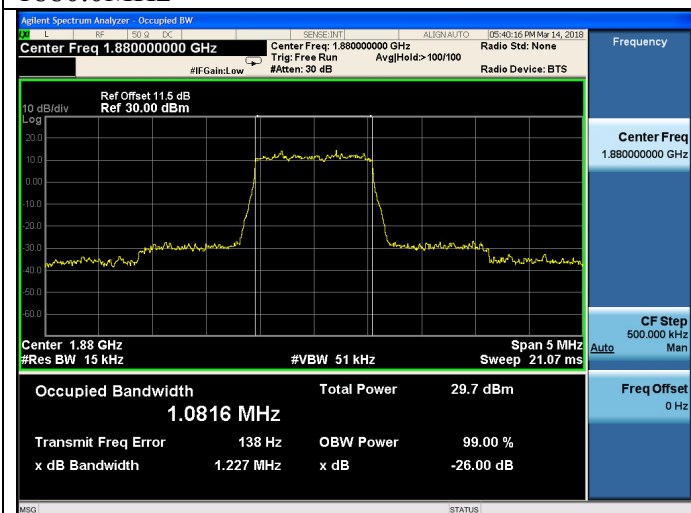


16QAM

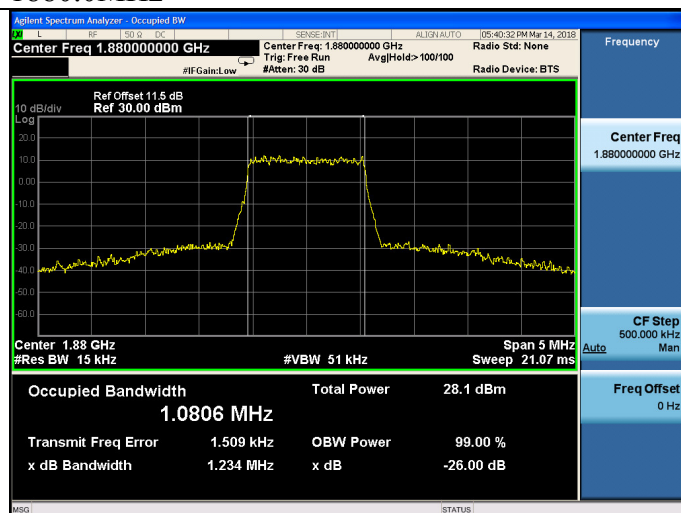
1850.7MHz



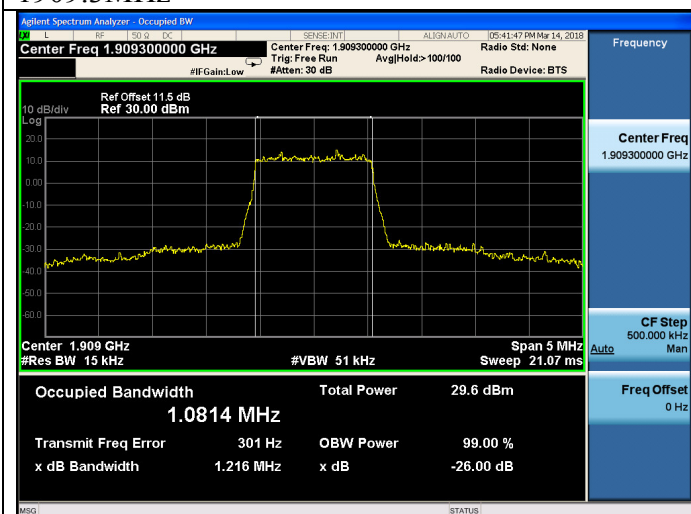
1880.0MHz



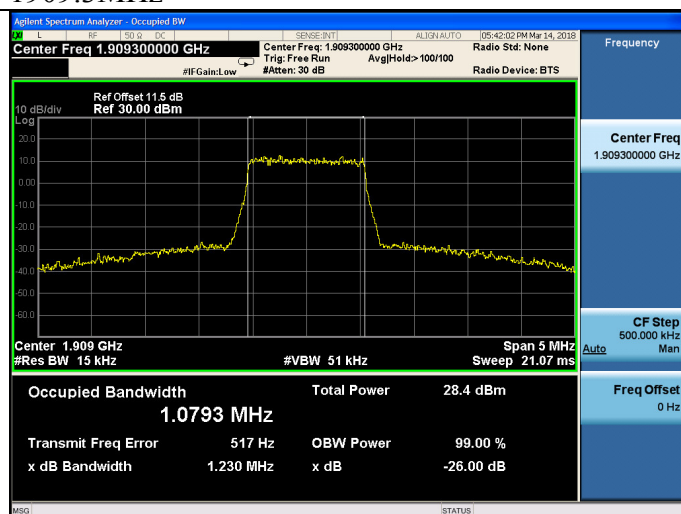
1880.0MHz



1909.3MHz



1909.3MHz

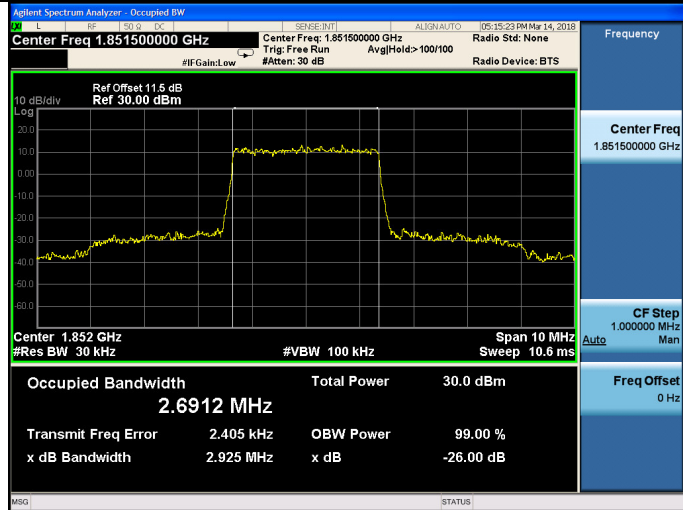


Band 2:

3MHz Bandwidth

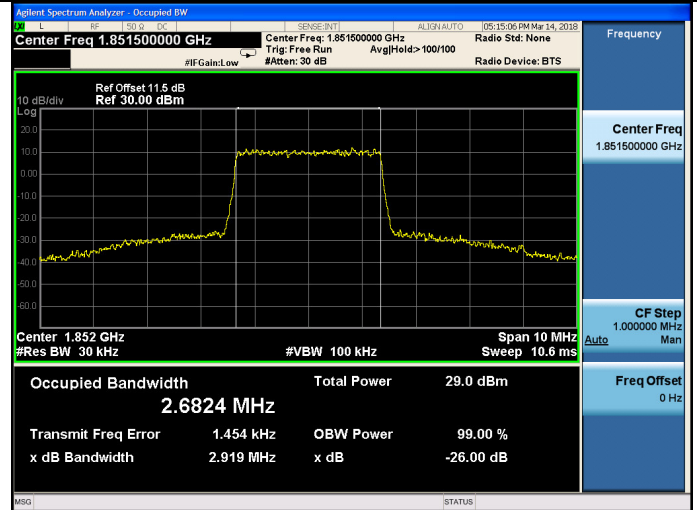
QPSK

1851.5MHz

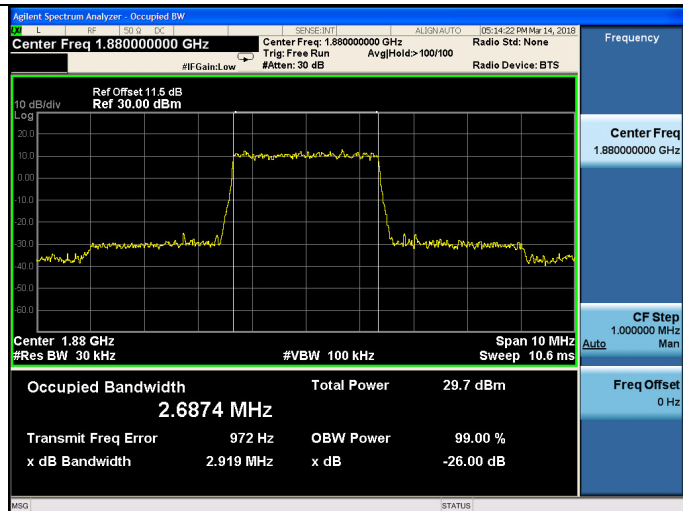


16QAM

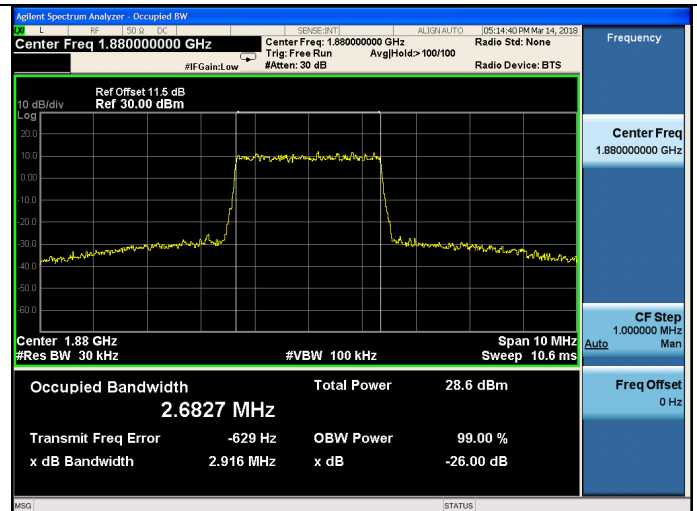
1851.5MHz



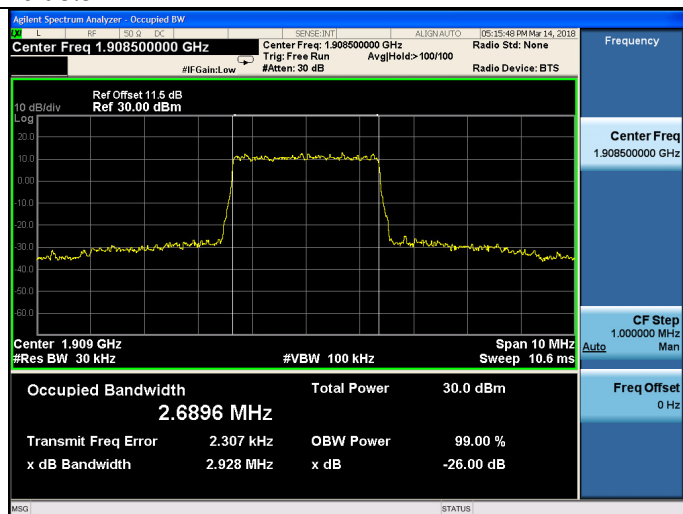
1880.0MHz



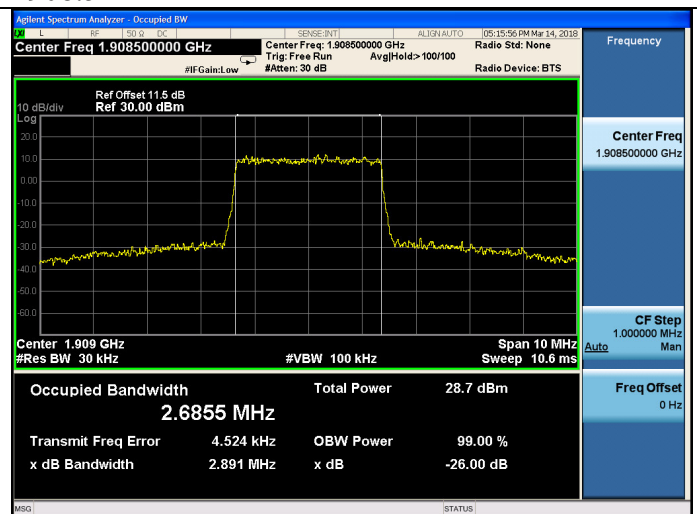
1880.0MHz



1908.5MHz



1908.5MHz

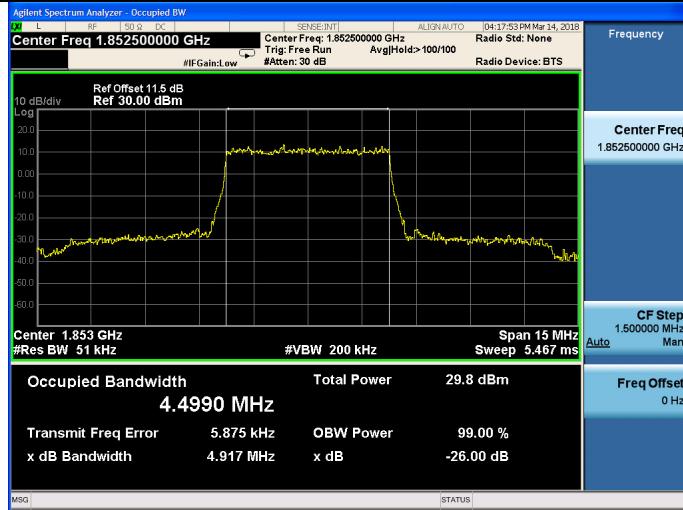


Band 2:

5MHz Bandwidth

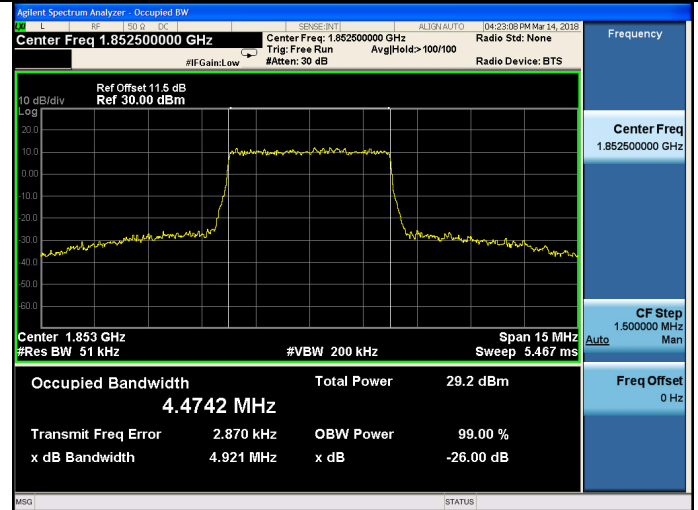
QPSK

1852.5MHz

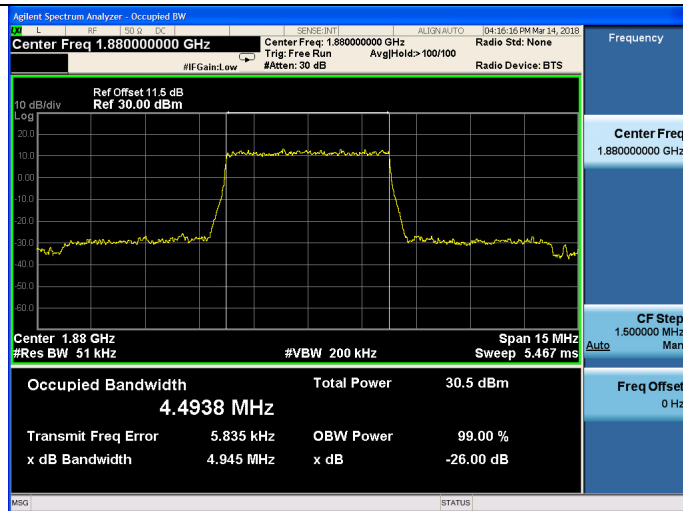


16QAM

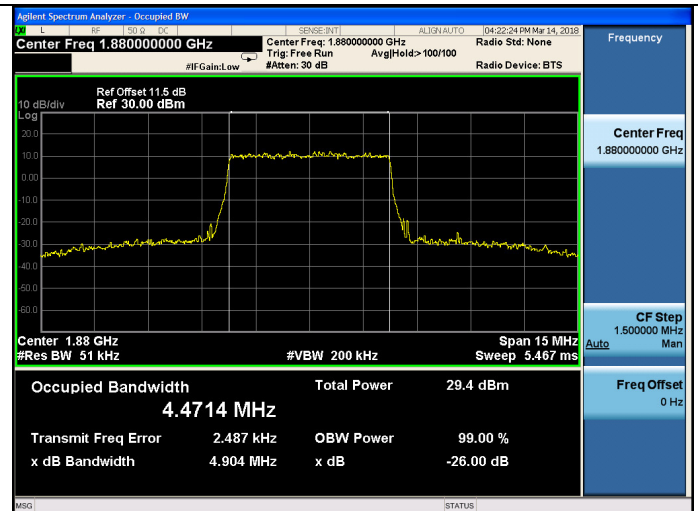
1852.5MHz



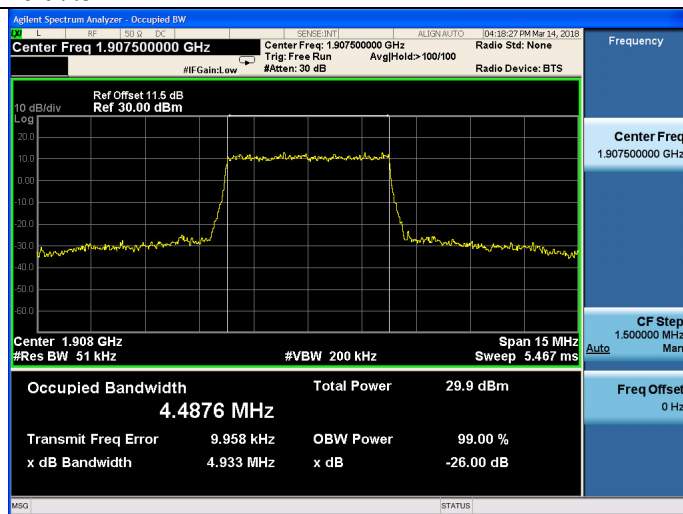
1880.0MHz



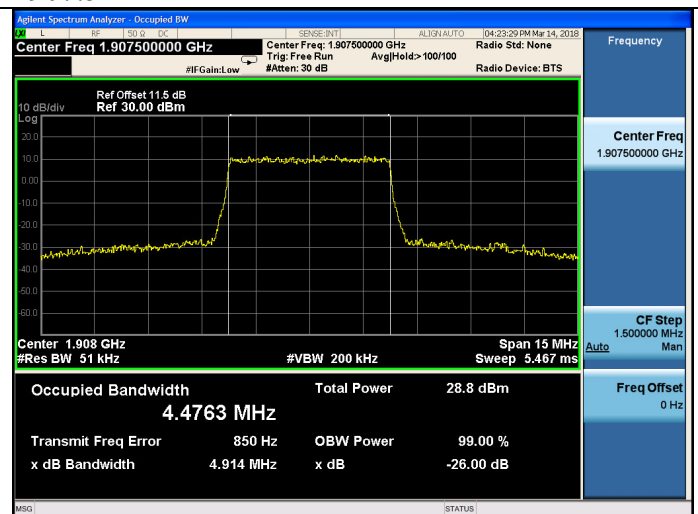
1880.0MHz



1907.5MHz



1907.5MHz

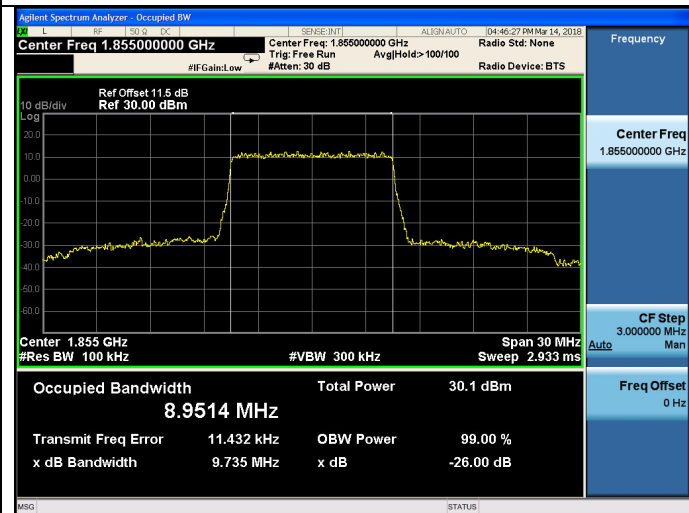


Band 2:

10MHz Bandwidth

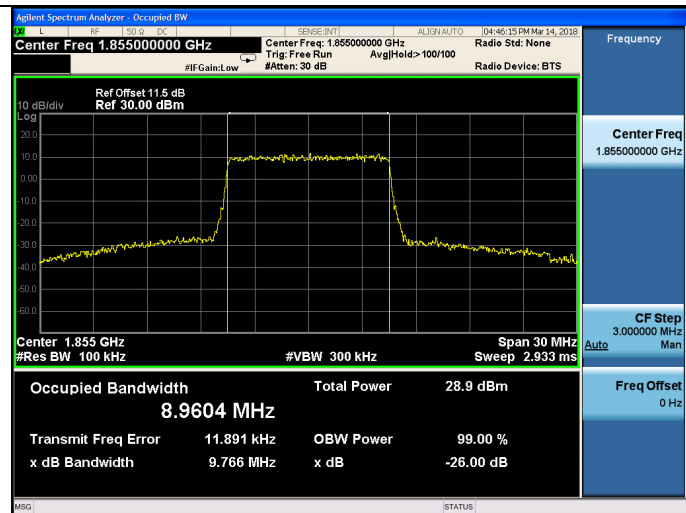
QPSK

1855.0MHz

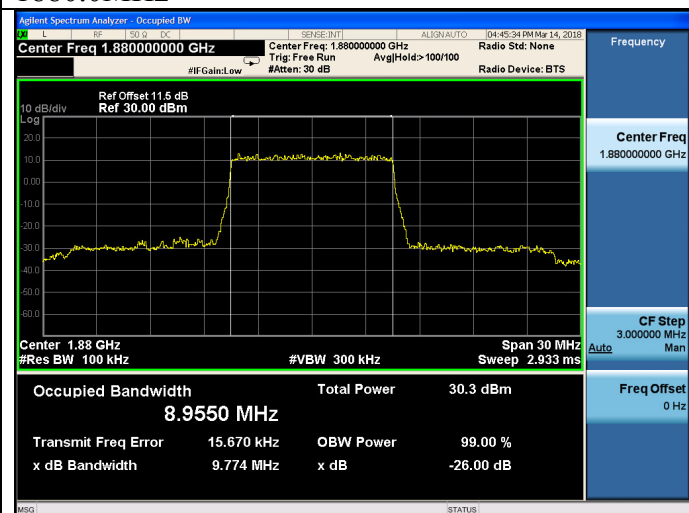


16QAM

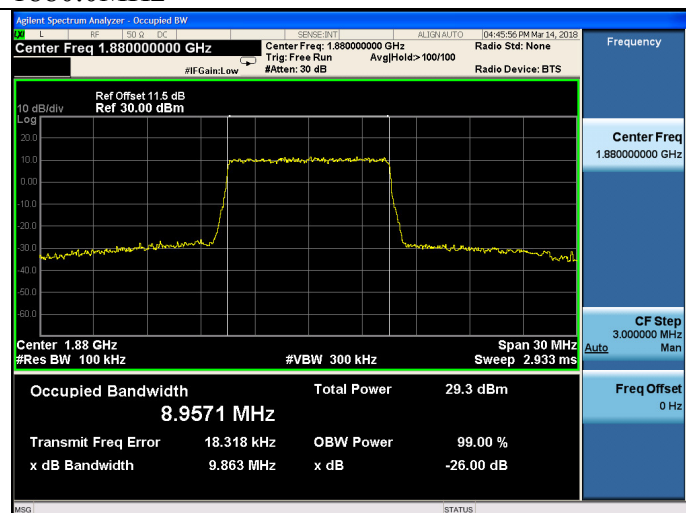
1855.0MHz



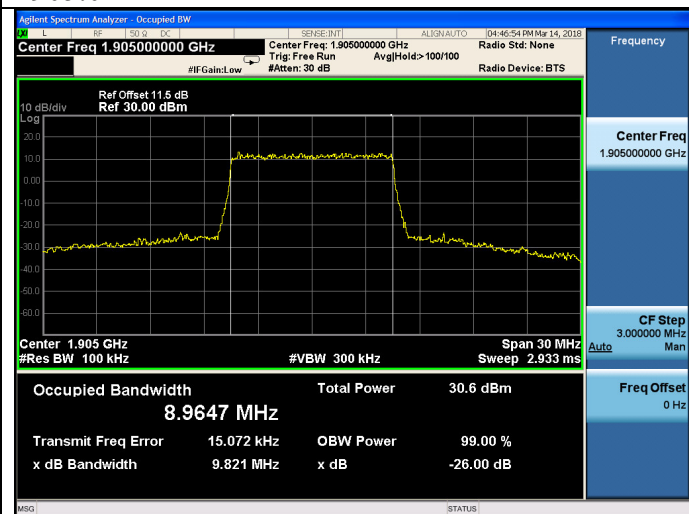
1880.0MHz



1880.0MHz



1905.0MHz



1905.0MHz

